

PRIOR ART

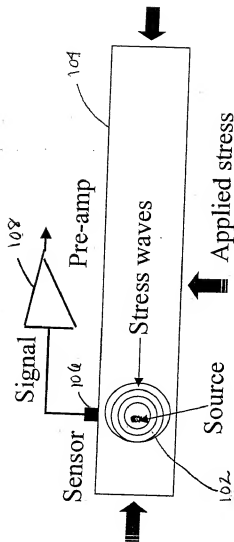


FIGURE 1

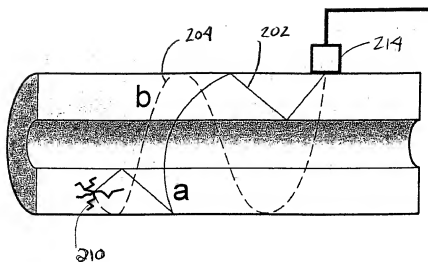


FIGURE 2A

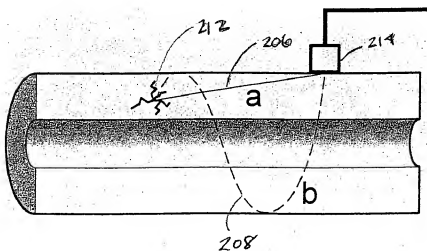


FIGURE 2B

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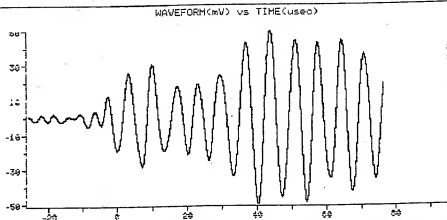
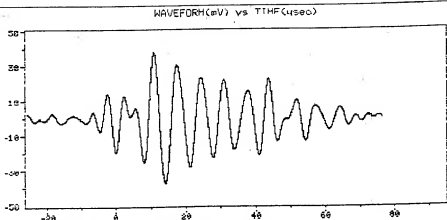


FIGURE 3

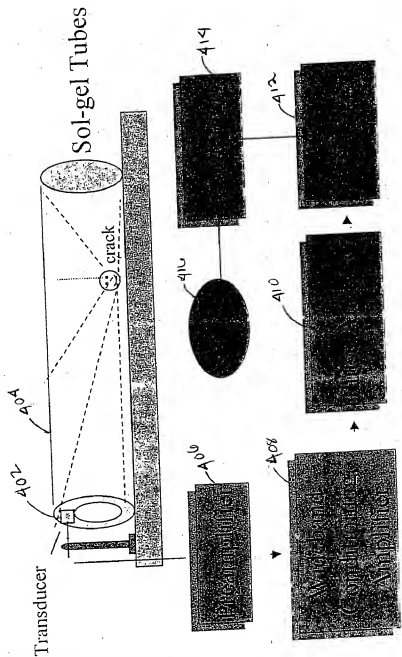


FIGURE 4

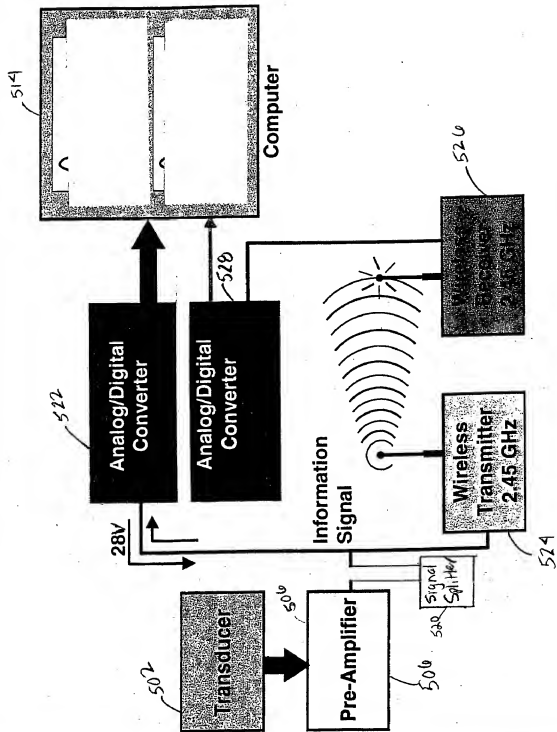
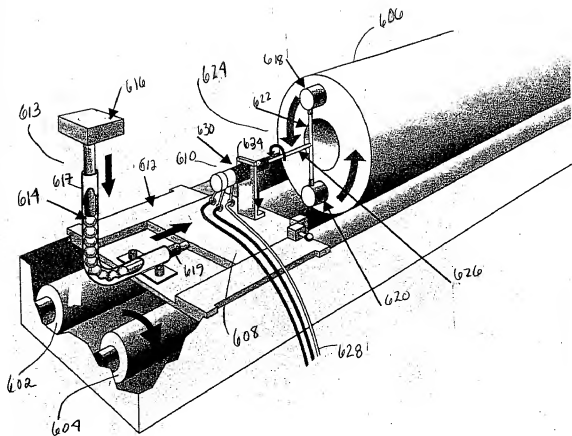


FIGURE 5



# Proposed AE Implementation-

Non-contact

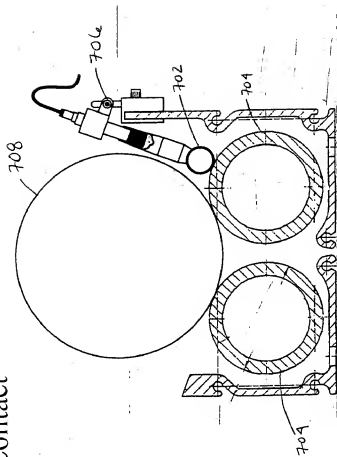


FIGURE 7





WAVEFORM(mV) vs TIME(usec)

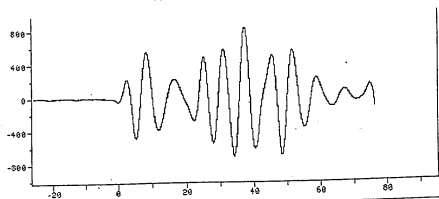


FIG.  
9a

WAVEFORM(mV) vs TIME(usec)

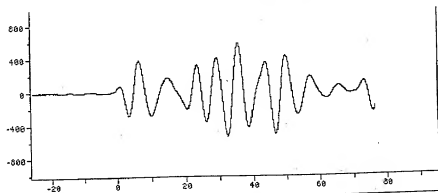


FIG.  
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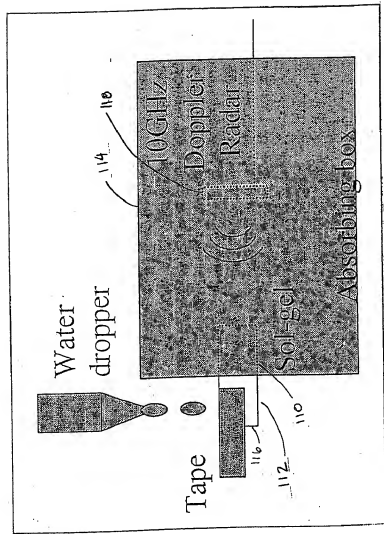


FIGURE 10



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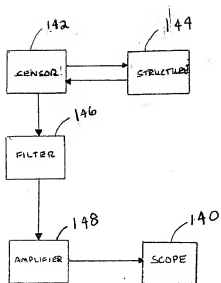


FIGURE 12